

# CYP24A1 Rabbit pAb

货号: **AYP13784**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Rattus norvegicus
应用	<a href="#">WB</a> <a href="#">IHC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:100
理论分子量	43kDa/51kDa/58kDa
实测分子量	65kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse kidney
细胞定位	Mitochondrion
纯化	Affinity purification

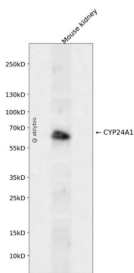
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 36-448 of human CYP24 A1 (NP_001122387.1).
序列	PQPREVPVCPLTAGGETQNAAALPGPTSWPLLGSLQLLWKGGLKKQHDTLVEYHKKYKGFIRMKLGFSFESVHLGSPCLLE ALYRTESAYPQRLEIKPWKAYRDYRKEGYLLILEGEDWQRVRSFAFQKKLMKPGVMKLDNKINEVLADFMGRIDELCDER GHVEDLYSELNKWSFESICLVLYEKRFGLLQKNAGDEAVNFIMAICTMMSTFGRMMVTPVELHKSLNTKVVQDHTLAWD TIFKSVKACIDNRLEKYSQQPSADFLCIDIYHQNRLSKELYAAVTEQLAAVETTANSLMWILYNLSRNPQVQQKLLKEIQSV LPENQVPRAEDLRNMPYLKACLKESMRLTPSPFTTRTLDKATVLGEYALPKGIVRKYDIQATDNPEVEMLHSGTLVPSREL PIAFCQR

## 靶点信息

研究背景	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This mitochondrial protein initiates the degradation of 1,25-dihydroxyvitamin D3, the physiologically active form of vitamin D3, by hydroxylation of the side chain. In regulating the level of vitamin D3, this enzyme plays a role in calcium homeostasis and the vitamin D endocrine system. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	1591
基因名	CYP24A1
Swiss	Q07973
别名	CYP24A1;CP24;CYP24;HCAI;HCINF1;P450-CC24

## 产品验证



Western blot analysis of CYP24A1 expressed in Mouse kidney using CYP24A1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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